\$	00000000 00000000 00000000	RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR		33333333 333333333 3333333333	222222222
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\$\$\$ \$\$\$	000 000	RRR RRR	<u> </u>	333 333 333	222
SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	0000000000	RRR RRR	111	333	555555555555555555555555555555555555555
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MM MM MMM MMM MMM MMM MM MM MM MM MM MM MM MM	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP				

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Module Name	Ident	Bytes	File	Creation Date	Creator
SORTSHR LIBRTL SORSENTRY SORSCOMMAND UTILSCHK CLI SORSOUTPUT LIBSFIXUP_DEC CLISINTERFACE CLISGLOBALS LIBSMSGDEF SYSSP1_VECTOR	V04-000 V04-000 V04-000 V04-000 V04-000 V04-000 V04-000 V04-000 V04-000 V04-000	1312 3753 2145 163 788 516	CSORT32.OBJJSORTSHR.EXE;1 \$255\$DUA28:CSYSLIBJLIBRTL.EXE;1 CSORT32.OBJJSORTMERGE.OLB;1 CSORT32.OBJJSORTMERGE.OLB;1 CSORT32.OBJJSORTMERGE.OLB;1 CSORT32.OBJJSORTMERGE.OLB;1 CSORT32.OBJJSORTMERGE.OLB;1 CSORT32.OBJJSORTMERGE.OLB;1 CSORT32.OBJJSORTMERGE.OLB;1 S255\$DUA28:CSYSLIBJSTARLET.OLB;2 -\$255\$DUA28:CSYSLIBJSTARLET.OLB;2 -\$255\$DUA28:CSYSLIBJSTARLET.OLB;2 -\$255\$DUA28:CSYSLIBJSTARLET.OLB;2	16-SEP-1984 04:16 16-SEP-1984 04:00 16-SEP-1984 00:23 16-SEP-1984 00:45 16-SEP-1984 00:48 16-SEP-1984 01:18 16-SEP-1984 01:19 16-SEP-1984 00:32 15-SEP-1984 23:38 15-SEP-1984 00:40	VAX-11 Linker V04-00 VAX-11 Linker V04-00 VAX-11 Bliss-32 V4.0-742 VAX-11 Bliss-32 V4.0-742 VAX-11 Bliss-32 V4.0-742 VAX/VMS Macro V04-00 VAX/VMS Macro V04-00 VAX/VMS Macro V04-00 VAX/VMS Macro V04-00 VAX/VMS Macro V04-00 VAX/VMS Macro V04-00 VAX/VMS Macro V04-00

_\$255\$DUA28:[SORT32.OBJ]SORTMERGE.EXE;1							16-SEP-1984 04:4	6 VAX-11 L	inker V04-0	0	Page	2	
					mage	Secti	on Syn	opsis!					
Cluster	Туре	Pages	Base Addr	Disk VBN	PFC	Prote	ction	and Paging	Global Sec. Name	Match	Majorid	Minorid	
SORTSHR	3442	78 1 1	00000000-R 00009C00-R P-00009E00-R 0000A000-R		0000	O READ O READ O READ	ONLY WRITE WRITE WRITE	COPY ON REF COPY ON REF FIXUP VECTORS	SORTSHR_001 SORTSHR_002 SORTSHR_003 SORTSHR_004	LESS/EQUAL LESS/EQUAL LESS/EQUAL LESS/EQUAL	5555	26 26 26 26	
LIBRTL	3	111	00000000-R		0	O READ	ONLY	DEMAND ZERO	LIBRTL_001 LIBRTL_002	LESS/EQUAL	1	11	
CODE	0	17	00000200		2	O READ	ONLY						
DEFAULT_CLUSTER	253	1 20	00002400 00002600 7FFFD800	1	9	O READ O READ O READ	WRITE WRITE WRITE	COPY ON REF FIXUP VECTORS DEMAND ZERO					

- Relocatable - Protected RP

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16-SEP-1984 04:46 \$255\$DUA28:[SORT32.OBJ]SORTMERGE.EXE:1 VAX-11 Linker V04-00 3 Page Program Section Synopsis Psect Name Module Name End Align Base Attributes Length 5444.) 673.) 2500.) 1752.) 516.) \$CODE\$ PIC, USR, CON, REL, GBL, SHR, EXE, RD, NOWRT, NOVEC LONG SORSENTRY LONG SORSCOMMAND UTILSCHK CLI CLISINTERFACE LONG LONG LONG 00001744 00001E8B 00001744 0000197A 0000197C 00001E1F 00001E20 00001E8B 00000748 00000237 000004A4 0000006C 1864.) LONG 567.) LONG 1188.) LONG 108.) LONG **SPLITS** PIC, USR, CON, REL, GBL, SHR, EXE, RD, NOWRT, NOVEC **SORSENTRY** SOR\$COMMAND UTILSCHK\_CLI 163.) LONG 2 163.) LONG 2 SOR\$RO\_CODE PIC, USR, CON, REL, GBL, SHR, EXE, RD, NOWRT, NOVEC SOR\$OUTPUT \_LIB\$CODE 00001F30 00002243 00000314 ( 788.) LONG 2 788.) LONG 2 PIC, USR, CON, REL, GBL, SHR, EXE, RD , NOWRT , NOVEC LIBSFIXUP\_DEC 00002400 000025AS 000001A9 ( 00002400 00002447 00000048 ( 00002448 00002488 00000041 ( 0000248C 000025AS 0000011D ( 425.) LONG 2 72.) LONG 2 65.) LONG 2 285.) LONG 2 SOWNS NOPIC, USR, CON, REL, LCL, NOSHR, NOEXE, RD, WRT, NOVEC SORSENTRY SOR\$COMMAND UTILSCHK\_CLI

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8 6
16-SEP-1984 04:46
     $255$DUA28:[SORT32.OBJ]SORTMERGE.EXE:1
                                                                                                                                                                                                                                                                                                                                                                                                                        VAX-11 Linker V04-00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Page
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6
                                                                                                                                                                                                                                     Symbols By Value
  Value
                                                                                                                                                                                         Symbols...
                                                           SOR$K IDENT
SOR$GK_RECORD
SOR$GK_TAG
CLI$_FACILITY
SOR$GK_ADDRESS
SOR$K_ERL_INT
SOR$K_LRL_OUT
SOR$K_NODES
SOR$K_NODES
SOR$K_MRG_ORDER
SOR$K_MRG_PASSES
SOR$K_WRK_ALQ
SOR$M_SEQ_CHECK
SOR$M_SEQ_CHECK
SOR$M_NODUPS
SOR$M_NODUPS
SOR$M_LOAD_FILL
R-SOR$ENTRY
R-PRINT_STATS
SOR$K_REC_INP
SOR$K_REC_SOR
SOR$GK_INDEX
SOR$K_ERL_INP
                                                                                                                                                                                                                                                                       SOR$M_STABLE
SOR$M_EBCDIC
SOR$K_REC_OUT
SOR$M_MULTI
                                                              R-PRINT STATS
R-SORSSCOMMAND
                                                           R-SOR$$COMMAND
R-CLI_BEGIN
R-CLI_END
R-CLI_GET_VALUE
R-CLI_PRESENT
R-CLI_NEXT_QUAL
R-CLI$PRESENT
R-CLI$PRESENT
R-CLI$GET_VALUE
R-CLI$DCL_PARSE
R-CLI$DISPATCH
R-CLI$NEXT_QUAL
R-SOR$$OUTPUT
R-LIB$FIXUP_DEC
                                                     R-SORSSOUTPUT
R-LIBSFIXUP_DEC
RX-SORSBEGIN_MERGE
RX-SORSBEGIN_SORT
RX-SORSPASS_FILES
RX-SORSSPEC_FILE
RX-SORSSPEC_FILE
RX-SORSEND_SORT
RX-SORSEND_SORT
RX-SORSSORT_MERGE
RX-STRSCOPY_DX
RX-STRSCOPY_DX
RX-LIBSFREE_VM
RX-LIBSFREE_VM
RX-LIBSFREE_VM
RX-LIBSFREE_VM
RX-LIBSFREE_VM
RX-LIBSFIXUP_FLT
CLIS_IVCHĀR
CLIS_IVCHĀR
CLIS_IVVALU
CLIS_NOCOMD
   000380B0
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Sym

STR SYS SYS SYS SYS SYS SYS SYS SYS

SYS: SYS: SYS: SYS: SYS: SYS: SYS: TB\$ TB\$

Val ---000 000

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16-SEP-1984 04:46
$255$DUA28:[SORT32.OBJ]SORTMERGE.EXE:1
                                                                                                              VAX-11 Linker V04-00
                                                                                                                                                       Page
                                                               Image Synopsis
                                                              00000200 000027FF 00002600 (9728. bytes, 19. pages)
20. pages
Virtual memory allocated:
Stack size:
Image header virtual block limits:
Image binary virtual block limits:
Image name and identification:
Number of files:
                                                                                            1. block)
19. blocks)
                                                                                  20: (
                                                              SORTMERGE VO4-000
Number of modules:
Number of program sections:
                                                                      10.
Number of global symbols:
Number of cross references:
Number of image sections:
                                                                    424.
189.
10.
                                                              000002B1
User transfer address:
Number of code references to shareable images:
                                                              EXECUTABLE
Image type:
                                                              FULL WITH CROSS REFERENCE in file _$255$DUA28:[SORT32.LIS]SORTMERGE.MAP:1
Map format:
                                                              90. blocks
Estimated map length:
                                                           Link Run Statistics !
                                                         4-----
Performance Indicators
                                                              Page Faults
                                                                               CPU Time
                                                                                                   Elapsed Time
                                                                               00:00:00.44
     Command processing:
                                                                                                   00:00:01.10
                                                                               00:00:01.39
00:00:00.14
00:00:00.89
                                                                        167
29
55
23
                                                                                                   00:00:11.99
     Pass 1:
                                                                                                   00:00:01.48
     Allocation/Relocation:
                                                                                                   00:00:04.40
00:00:00.81
00:00:00.55
00:00:20.33
     Pass 2:
                                                                               00:00:00.68
     Map data after object module synopsis:
                                                                               00:00:00.01
     Symbol table output:
Total run values:
Using a working set limited to 1200 pages and 84 pages of data storage (excluding image)
Total number object records read (both passes): 379
of which 176 were in libraries and 0 were DEBUG data records containing 0 bytes
Number of modules extracted explicitly with 4 extracted to resolve undefined symbols
26 library searches were for symbols not in the library searched
A total of O global symbol table records was written
LINK/USERLIB=PROC/NOTRACE/EXE=EXE$:SORTMERGE/MAP=MAP$:SORTMERGE/FULL/CROSS LIB$:SORTMERGE/INCL=(SOR$ENTRY,SOR$COMMAND,UTIL$CHK_CL1,S
ORSOUTPUT, LIBSFIXUP_DEC), SYS$INPUT/OPTIONS
EXES: SORTSHR/SHARE
PSECT=$PLIT$,PIC,SHR,EXE
PSECT=$CODE$,PIC,SHR
COLLECT=CODE, $CODE$, $PLIT$, SOR$RO_CODE, LIB$CODE
```

Val

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0362 AH-BT13A-SE

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